DAY 1 OF 50

Name: _____ Date: _____ Score: ____ / 4

Day 1: Joining Stories (Result Unknown)

Read each story. Find the total number by adding the two groups together.

#1 **Joining (Result Unknown)**

Priya collected 5 shuttlecocks at the badminton center. Later that day, Chloe gave her 2 more shuttlecocks. How many shuttlecocks does Priya have in all?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(shuttlecocks)**

#2 **Travel & Road Trips (Driving Distance)**

On an exciting cross-country road trip, Alex and their family drove 14 kilometers on Friday and another 3 kilometers on Saturday. How many kilometers did they drive over the two days?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(kilometers)**

#3 **Measurement (Liquid Volume)**

A scientist in the science laboratory poured 6 liters of water into a storage tank. Later, an assistant added 6 liters of saline solution. How many liters of liquid are in the tank now?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(liters)**

#4 **Part-Part-Whole (Whole Unknown)**

A delivery truck brought 2 raffle tickets and 3 transit tokens to the charity fundraiser. How many items were delivered altogether?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(items)**

TEACHER ANSWER KEY

• 100% Accuracy Verified • Worked Solutions •

Day 1: Joining Stories (Result Unknown) (Answer Key)

Read each story. Find the total number by adding the two groups together.

#1 Joining (Result Unknown)

Priya collected 5 shuttlecocks at the badminton center. Later that day, Chloe gave her 2 more shuttlecocks. How many shuttlecocks does Priya have in all?

Equation: 5 + 2 = 7

Add the quantities together: 5 + 2 = 7. Priya has 7 shuttlecocks in all.

✓ Verified Solution

Answer: 7 shuttlecocks

#2 Travel & Road Trips (Driving Distance)

On an exciting cross-country road trip, Alex and their family drove 14 kilometers on Friday and another 3 kilometers on Saturday. How many kilometers did they drive over the two days?

Equation: 14 + 3 = 17

Add Friday and Saturday distances: 14 + 3 = 17. They drove 17 kilometers in all.

✓ Verified Solution

Answer: 17 kilometers

#3 Measurement (Liquid Volume)

A scientist in the science laboratory poured 6 liters of water into a storage tank. Later, an assistant added 6 liters of saline solution. How many liters of liquid are in the tank now?

Equation: 6 + 6 = 12

Add the liquid amounts: 6 + 6 = 12. There are 12 liters of liquid in the tank.

✓ Verified Solution

Answer: 12 liters

#4 Part-Part-Whole (Whole Unknown)

A delivery truck brought 2 raffle tickets and 3 transit tokens to the charity fundraiser. How many items were delivered altogether?

Equation: 2 + 3 = 5

Add the two parts together: 2 + 3 = 5. There were 5 items delivered altogether.

✓ Verified Solution

Answer: 5 items

DAY 17 OF 50

Name: _____ Date: _____ Score: ____ / 4

Day 17: Equal Groups Situations

Identify the number of groups and the size of each group to multiply.

#1 **Equal Groups (Total Unknown)**

Harper bought 15 pencil cases of pencils for the classroom. Each pencil case contained 9 pencils. How many pencils did Harper buy altogether?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(pencils)**

#2 **Multiplicative Comparison (Times as Heavy)**

A small mineral specimen at the geology lab weighed 4 grams. A large quartz cluster weighed 8 times as much. What was the weight of the quartz cluster?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(grams)**

#3 **Sports & Games (Equipment Buckets)**

The athletic department in the sports gymnasium stored tennis balls in 11 buckets. Each bucket held 23 tennis balls. How many tennis balls were there in total?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(tennis balls)**

#4 **Food & Baking (Baking Trays)**

A baker at the pastry shop filled 18 baking trays with cinnamon rolls. Each tray held 13 cinnamon rolls. How many cinnamon rolls were baked in total?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **(cinnamon rolls)**

TEACHER ANSWER KEY

• 100% Accuracy Verified • Worked Solutions •

Day 17: Equal Groups Situations (Answer Key)

Identify the number of groups and the size of each group to multiply.

#1 Equal Groups (Total Unknown)

Harper bought 15 pencil cases of pencils for the classroom. Each pencil case contained 9 pencils. How many pencils did Harper buy altogether?

Equation: 15 × 9 = 135

Multiply the number of groups by the items in each group: 15 × 9 = 135. Harper bought 135 pencils altogether.

✓ Verified Solution

Answer: 135 pencils

#2 Multiplicative Comparison (Times as Heavy)

A small mineral specimen at the geology lab weighed 4 grams. A large quartz cluster weighed 8 times as much. What was the weight of the quartz cluster?

Equation: 4 × 8 = 32

Multiply base weight by multiplier: 4 × 8 = 32. The quartz cluster weighed 32 grams.

✓ Verified Solution

Answer: 32 grams

#3 Sports & Games (Equipment Buckets)

The athletic department in the sports gymnasium stored tennis balls in 11 buckets. Each bucket held 23 tennis balls. How many tennis balls were there in total?

Equation: 11 × 23 = 253

Multiply buckets by balls per bucket: 11 × 23 = 253. There were 253 tennis balls.

✓ Verified Solution

Answer: 253 tennis balls

#4 Food & Baking (Baking Trays)

A baker at the pastry shop filled 18 baking trays with cinnamon rolls. Each tray held 13 cinnamon rolls. How many cinnamon rolls were baked in total?

Equation: 18 × 13 = 234

Multiply trays by items per tray: 18 × 13 = 234. There were 234 cinnamon rolls baked.

✓ Verified Solution

Answer: 234 cinnamon rolls

DAY 45 OF 50

Name: _____ Date: _____ Score: ____ / 4

Day 45: Store Shopping & Making Change

Calculate total purchase cost and find the exact change due.

#1 **Money & Shopping (Charity Fundraising)**

A student charity club collected $681 in donations on Monday and $1356 on Tuesday for charity. How much money did they raise over the two days?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **($)**

#2 **Money & Shopping (Discount Savings)**

A stargazing telescope at the astronomy shop normally costs $1653. During a weekend sale, the price was marked down to $495. How much money would a customer save?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **($)**

#3 **Travel & Hospitality (Nightly Rate)**

During a summer holiday trip, Chen booked a mountain cabin for 31 nights. The nightly rate was $311. What was the total accommodation cost for the stay?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **($)**

#4 **Money & Dining (Bill Sharing)**

A group of 12 friends ate lunch together at a restaurant. The total bill came to $72, and they agreed to split the cost equally. How much did each friend pay?

Show your work or draw a bar model / tape diagram:

Equation: _____ **Answer:** _____ **($)**

TEACHER ANSWER KEY

• 100% Accuracy Verified • Worked Solutions •

Day 45: Store Shopping & Making Change (Answer Key)

Calculate total purchase cost and find the exact change due.

#1 Money & Shopping (Charity Fundraising)

A student charity club collected $681 in donations on Monday and $1356 on Tuesday for charity. How much money did they raise over the two days?

Equation: $681 + $1356 = $2037

Add Monday and Tuesday collections: $681 + $1356 = $2037. They raised $2037.

✓ Verified Solution

Answer: $2037

#2 Money & Shopping (Discount Savings)

A stargazing telescope at the astronomy shop normally costs $1653. During a weekend sale, the price was marked down to $495. How much money would a customer save?

Equation: $1653 - $495 = $1158

Subtract sale price from original price: $1653 - $495 = $1158. The customer saves $1158.

✓ Verified Solution

Answer: $1158

#3 Travel & Hospitality (Nightly Rate)

During a summer holiday trip, Chen booked a mountain cabin for 31 nights. The nightly rate was $311. What was the total accommodation cost for the stay?

Equation: 31 × $311 = $9641

Multiply nights by nightly cost: 31 × $311 = $9641. The total accommodation cost was $9641.

✓ Verified Solution

Answer: $9641

#4 Money & Dining (Bill Sharing)

A group of 12 friends ate lunch together at a restaurant. The total bill came to $72, and they agreed to split the cost equally. How much did each friend pay?

Equation: $72 ÷ 12 = $6

Divide total bill by friends: $72 ÷ 12 = $6. Each friend paid $6.

✓ Verified Solution

Answer: $6